# Benjamin Lyons

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# **Appointments**

2019 -	Assistant Professor, Department of Communication, University of Utah
2017-19	Research Fellow, Department of Politics, University of Exeter
2016-17	Martin Fishbein Postdoctoral Fellow, Annenberg Public Policy Center at the University of Pennsylvania

#### **AFFILIATIONS**

16 - Associate, Centre for Deliberative Democracy and Global Governance at University of Canberra

### Education

2016 PHD, Mass Communication, Southern Illinois University
Dissertation: Unbiasing Information Search and Processing through Personal and Social Identity Mechanisms.

• Top Paper, Intergroup Communication, ICA, 2017

MA, Media Theory and Research, Southern Illinois University

BA, Psychology & English-Writing, summa cum laude, Illinois College

# Publications & talks

JOURNAL ARTICLES (29)

**Lyons, BA.** & Workman, K.\* (Accepted). "Explicit voter fraud conspiracy cues increase belief among co-partisans but have broader spillover effects on confidence in elections" Accepted at HKS Misinformation Review. [\*Undergrad]. [Pre-reg + data]

Stoeckel, F., Carter, C., **Lyons, BA**, & Reifler, J. (2022). "The Politics of Vaccine Hesitancy in Europe." European Journal of Public Health, doi:10.1093/eurpub/ckac041.

Spälti, A, Stöckli, S, Phillips, J, Stoeckel, F, Reifler, J, **Lyons, B**, Mérola, V, & Szewach, P. (2022). "Which vaccine attributes foster vaccine uptake? A cross-country conjoint experiment." *PLoS ONE 17*(5): e0266003. [Pre-reg + data]

Lyons, BA, Montgomery, J, Guess, A, Nyhan, B, & Reifler, J. (2021). "Overconfidence in News Judgements is Associated with Susceptibility to False News." *Proceedings of the National Academy of Sciences*, 118(23). doi:10.1073/pnas.2019527118 [Pre-reg + data]

• Coverage (selected): The Guardian. Snopes. CNN. The Independent. New York Daily News. Ars Technica.

Stoeckel, F., Carter, C., **Lyons, BA**, & Reifler, J. (2021). "Association of vaccine hesitancy and immunization coverage rates in the European Union." *Vaccine*, 39(29): 3945-3949. doi:10.1016/j.vaccine.2021.05.062

Stoeckel, F., Lyons, BA, & Reifler, J. (2021). "Public Misperceptions of European Integration in the U.K." Journal of Elections, Public Opinion & Parties.. doi:10.1080/17457289.2021.1945612

Berlinski, N.,\* Doyle, M.,\* Guess, A., Levy, G.,\* **Lyons, BA**, Montgomery, J., Nyhan, B., & Reifler, J. (2021). "The Effects of Unsubstantiated Claims of Voter Fraud on Confidence in Elections." *Journal of Experimental Political Science*. doi:10.1017/XPS.2021.18 [\*Undergrad] [Pre-reg + data]

• Coverage: CNN. The Atlantic. ProPublica. The Guardian.

Spälti, A., **Lyons**, **BA**, Mérola, V., Reifler, J., Stedtnitz, C., Stoeckel, F., & Szewach, P. (2021). "Partisanship and public opinion of COVID-19: Does emphasizing Trump and his administration's response to the pandemic affect public opinion about the coronavirus?" Journal of Elections, Public Opinion & Parties, 31:sup1, 145-154. doi:10.1080/17457289.2021.1924749. [Pre-reg + data]

Lyons BA, Farhart, C, Hall, M, Kotcher, J, Levendusky, M, Miller, J, Nyhan, B, Raimi, K, Reifler, J, Saunders, K, Skytte, R, & Zhao, X. (2021). "Self-Affirmation and Identity-Driven Political Behavior" Journal of Experimental Political Science. 1–15. doi:10.1017/XPS.2020.46 [Data]

2013

2010

2022

2021

Guess, A, Lerner, M., **Lyons**, **BA**, Montgomery, J, Nyhan, B, & Reifler, J., Sircar, N. (2020). "A digital media literacy intervention increases discernment between mainstream and false news in the United States and India." *Proceedings of the National Academy of Sciences*, 117(27): 15536-15545. doi:/10.1073/pnas.1920498117. [equal co-authors] [Pre-reg+ data]

• Coverage: Consumer Reports (1, 2). Ars Technica. Hindustan Times. Nieman Lab. Healthline. The Conversation. Der Spiegel. The New York Times.

Lyons, BA, Merola, VM, Reifler, J, & Stoeckel, F. (2020). "How politics shape views toward fact-checking: Evidence from 6 European countries." *International Journal of Press/Politics*, 25(3). doi:10.1177/1940161220921732. [Data]

Lyons, BA, Merola, V, & Reifler, J. (2020). "Shifting medical guidelines: Compliance and spillover effects for revised antibiotic recommendations." Social Science & Medicine, 255. doi:10.1016/j.socscimed.2020.112943. [Pre-reg + data]

Hasell, A, **Lyons, BA**, Tallapragada, M, & Jamieson, KH. (2020) "Improving GM consensus acceptance through reduced reactance and climate change-based message targeting." *Environmental Communication*, 4(7): 987-1003. doi:10.1080/17524032.2020.1746377. [Data]

Guess, A, Lockett, D, **Lyons, BA,** Montgomery, J, Nyhan, B, & Reifler, J. (2020). "Fake news" may have limited effects beyond increasing beliefs in false claims." *Harvard Kennedy School Misinformation Review*, 1(1). doi:10.37016/mr-2020-004. [Data]

• Coverage: The Washington Post. Lawfare.

Lyons, BA, McKay, A, & Reifler, J. (2020). "High-status lobbyists are most likely to overrate their success." Nature Human Behaviour, 4(2): 153-159. doi:10.1038/s41562-019-0761-9. [Data]

Coverage: National Affairs

2019

2018

2017

2016

Lyons, BA, Akin, H., & Stroud, T. (2020). "Proximity (mis)perception: Public awareness of nuclear, refinery, and fracking sites." Risk Analysis, 40(2): 385-398. doi:10.1111/risa.13387. [Data]

Lyons, BA. (2019). "Discussion Network Activation: An Expanded Approach to Selective Exposure." *Media and Communication*, 7(3): 32-41. doi:10.17645/mac.v7i3.2112. [Pre-reg + data]

Lyons, BA, Hasell, A, Tallapragada, M., & Jamieson, KH. (2019). "How Conversion Messages Change Attitudes: Strong Arguments, Not Costly Signals." Public Understanding of Science 28(3): 320–338. doi:10.1177/0963662518821017. [Data]

• Coverage: Scientific American. The Skeptical Inquirer. Wissenschaftskommunikation.de. Genetic Literacy Project.

Lyons, BA, Merola, V & Reifler, J. (2018). "Not Just Asking Questions: Effects of Implicit and Explicit Conspiracy Information about Vaccines and Genetic Modification." *Health Communication*, 34(14): 1741-1750. doi: 10.1080/10410236.2018.1530526. [Pre-reg + data]

• Coverage: Psychology Today.

Lyons, BA. (2018). "Reducing Group Alignment in Factual Disputes? The Limited Effects of Social Identity Interventions." Science Communication, 40(6): 789–807. doi:10.1177/1075547018804826. [Data]

Lyons, BA, Hasell, A. & Stroud, T. (2018). "Enduring Extremes? Polar Vortex, Drought, and Climate Change Beliefs." Environmental Communication, 12(7): 876-894. doi:10.1080/17524032.2018.1520735. [Data]

Lyons, BA. (2018). "When Readers Believe Journalists: Effects of Adjudication in Varied Dispute Contexts." *International Journal of Public Opinion Research*, 30(4): 583–606. doi:10.1093/ijpor/edx013

• Coverage: Wired [UK].

Lyons, BA. (2017). "From Code to Discourse: Social Media and Linkage Mechanisms in Deliberative Systems," *Journal of Public Deliberation* 13(1): 4. doi:10.16997/jdd.270

Veenstra, AS, **Lyons**, **BA**, & Degim, A. (2017) "Intraparty Hostility: Social Identity, Sub-Identity, and the Hostile Media Effect in a Contested Primary," *Journal of Political Marketing*, 16(3-4): 365-385. doi:10.1080/15377857.2017.1334255

• Reprinted in C. Williams (ed.), Social Media, Political Marketing & the 2016 U.S. Election, Routledge, 2018.

Lyons, BA, & Veenstra, AS. (2016). "How (Not) to Talk on Twitter: Effects of Politicians' Tweets on Perceptions of the Twitter Environment," Cyberpsychology, Behavior & Social Networking 19(1): 8-15. doi:10.1089/cyber.2015.0319

• Coverage: Washington Post (Monkey Cage).

Veenstra, AS, Lyons, BA, & Fowler-Dawson, A. (2016). "Conservatism vs. Conservationism: Counteractive Influences of Social Affiliation on Beliefs About Fracking," Environmental Communication, 10(3): 322-336. doi:10.1080/17524032.2015.1127851.

Lyons, BA. (2015). "Is Online Citizen News Really Alternative? A Multiplatform Analysis of BP Oil Spill Coverage," Web Journal of Mass Communication Research, 49. http://wjmcr.org/vol49.

Veenstra, AS, Park, CS, **Lyons**, **BA**, Kang, CY, & Iyer, N. (2015). "Intramedium Interaction and the Third-Person Effect: How Partisans Respond to YouTube Ads and Comments," *CyberPsychology, Behavior & Social Networking*, 18(7): 406-410. doi:10.1089/cyber.2014.0588.

Veenstra, AS, Hossain, MD, & Lyons, BA. (2014). "Partisan Media and Discussion as Enhancers of the Belief Gap," Mass Communication & Society, 17(6): 874-897. doi:10.1080/15205436.2013.855791.

• Coverage: National Affairs.

2014

2020

2019

2018

2015

## Chapters, reports, white papers (6)

Lyons, BA, Merola, V. & Reifler, J. (2020). "How bad is the fake news problem? The effect of baseline information in public perceptions," in: Greifeneder, R., Jaffé, M., Newman, E., Schwarz, N. (eds.) The psychology of fake news: Accepting, sharing, and correcting misinformation. London, UK: Routledge. doi:10.4324/9780429295379-3.

Guess, A & Lyons, BA (2020). "Disinformation, Misinformation and Online Propaganda," in: N Persily & J Tucker (eds.), Social Media and Democracy: The State of the Field. Cambridge University Press.

Guess, A, Lyons, BA, Montgomery, J, Nyhan, B, & Reifler, J. (2019). "Fake news, Facebook ads, and misperceptions: Assessing information quality in the 2018 U.S. midterm election campaign." Democracy Fund report.

 Coverage: Scientific American. The Atlantic. Los Angeles Times. Facebook. Columbia Journalism Review. The Verge. Washington Post.

Guess, A, **Lyons**, **BA**, Nyhan, B, & Reifler, J. (2018). "Avoiding the Echo Chamber about Echo Chambers: Why Selective Exposure to Like-Minded Political News Is Less Prevalent Than You Think." Knight Foundation report.

• Coverage: The Washington Post. Lawfare. Nieman Lab (1, 2). FiveThirtyEight (1, 2). Christian Science Monitor. The Conversation. The Verge. Reason. New York Times.

Veenstra, AS, **Lyons**, **BA**, Sapienza, Z, & Kang, CS. (2018). "Social Identities and the Illinois Pension Problem: Roles of Politics, Geography, and Media." *Illinois Municipal Policy Journal*, 3(1), 97-116.

Veenstra, AS, Iyer, N, Xie, W, **Lyons, BA**, Park, CS, & Feng, Y. (2015). "Come Together, Right Now: Retweeting in the Social Model of Protest Mobilization," in N Rambukkana (ed.), Hashtag Publics: The Power and Politics of Networked Discourse Communities. New York: Peter Lang.

## Manuscripts under review

Lyons, BA. "Disentangling Bias and Earned Confidence: Using a Behavioral Baseline of Media Susceptibility." Revise and resubmit to Journal of Communication. (resubmitted 10/1/2021)

Lyons, BA. "Insidiously Trivial: Political Memes as a Vessel for Misinformation." Revise and resubmit to Media and Communication.

Spälti, A., **Lyons**, **BA**, Stoeckel, F., Szewach, P., Mérola, V., Stednitz, C., López González, P.,\* Reifler, J. "Partisanship and anti-elite worldviews as correlates of science and health beliefs in a multi-party system." Revise and resubmit to *Public Understanding of Science*.

Stoeckel, F., Stöckli, S., Spälti, A., Phillips, J., **Lyons, BA**, Mérola, V., Reifler, J., Szewach, P. "Public support for lifting COVID-19 related restrictions for vaccinated citizens in Germany, France, and Sweden." Revise and resubmit to *Vaccine*.

Lyons, BA, Mérola, V., Reifler, J., Spälti, A., Stoeckel, F., Stednitz, C. "When experts matter: Variations in consensus messaging for vaccine and GMO safety."

Barnfield, M., Stöckli, S., Spälti, A., Phillips, J., Stoeckel, F., Thompson, J., **Lyons, BA**, Mérola, V., Szewach, P., Reifler, J. "The Limited Effect of Moral Framing on Vaccine Uptake: An Online Experiment in the Context of COVID-19."

Stoeckel, F., Thompson, J., Szewach, P., Stöckli, S., Barnfield, M., Phillips, J., **Lyons, BA**, Mérola, V., Reifler, J., "Correlates of support for international vaccine solidarity during the COVID-19 pandemic: Cross-sectional survey evidence from Germany."

#### WORKING PAPERS

Lyons, BA, "Explaining older Americans' vulnerability to dubious news: Partisanship, not illiteracy."

Merola, V, Lyons, BA, & Reifler, J. "Partisan Bias in Factual Knowledge: Using Monetary Incentives to Disentangle Expressive Responding and Motivated Learning"

#### **GRANT ACTIVITY**

#### **Funded**

2021

2019

2020

2016

- PI, "How Voters React to Implicit and Explicit Conspiracy Cues." U of Utah College of Humanities Seed Grant. \$23,500.
- International Travel and Research Grant. U of Utah College of Humanities. \$1,500. International Travel and Research Grant. U of Utah College of Humanities. \$1,500.
- Co-PI (with A. Guess, J. Montgomery, B. Nyhan and J. Reifler) Democracy Fund. Support to YouGov for midterm election 2018 research on Facebook ads and fake news. \$82,070.
- Co-Investigator (PI Jason Reifler) ERC Consolidator Grant: "Debunker: The Problem of European Misperceptions in Poli-2016 tics, Health, and Science: Causes, Consequences, and the Search for Solutions." approx \$2,189,616/£1,498,917.

#### Unfunded

- "Political Memes as a Vessel for Misinformation." Faculty Research Award, MCS Division of AEJMC. \$10,000. Under review. 2022 "Designing Experiments in Science Communication." University Teaching Grant. \$2,100.
- Co-PI (w/ R. Medina & S. Brewer), "A Collaborative Investigation into Social Vulnerabilities and Impacts of Present Con-2021 spiracy Theories in the United States." NEH Collaborative Research. Under review.

  - PI, "Political Memes as a Vessel for Misinformation." U of Utah College of Humanities Seed Grant. \$18,000. PI, "Political Memes as a Vessel for Misinformation." U of Utah Digital Matters Faculty Grant Program. \$5,000.
  - PI, "Political Memes as a Vessel for Misinformation." U of Utah Faculty Small Grant Program. \$6,000.
  - PI, "How Voters React to Implicit and Explicit Conspiracy Cues." U of Utah College of Humanities Kickstart Funding Program. \$10,000. Under review. [Paused due to COVID-19]
  - Co-PI (w/ Y. Sun & T. Green) "Toward Transparent and Reproducible Science: A Collaborative Workshop." U of Utah 1U4U Innovation Funding. \$30,000.
- Co-PI (with A. Guess, J. Montgomery, B. Nyhan and J. Reifler), "Using performance feedback to counter Dunning-Kruger 2019 effects in media literacy." Reboot Foundation. \$29,295.
- PI, "How Voters React to Implicit and Explicit Conspiracy Cues." Time-Sharing Experiments for the Social Sciences, Special 2019 Competition for Young Investigators, NSF.
- PI, "Partisan Motivated Disgust: Politicised Objects and Policy Support." The Association for Politics & The Life Sciences 2018 Special Competition: Disgust and Political Attitudes. \$1,500.
- PI, "The Content of Fact-Checking: How Readers Process Paired Claims." Time-Sharing Experiments for the Social Sciences, 2017 Special Competition for Young Investigators, NSF.
  - Co-PI (w/ Ariel Hasell), "Repairing False Beliefs through Narrative Conversion." Knight Foundation Prototype Fund.
  - Co-PI (w/ Ariel Hasell), "Increasing the Spread of Fact-Checks on Social Network Sites." Knight Foundation Prototype Fund. PI, "Unbiasing Information Search and Processing through Personal and Social Identity Mechanisms." Time-Sharing Experiments for the Social Sciences, Special Competition for Young Investigators, NSF.

#### BOOK REVIEWS

- 2017 Social Media: Principles and Applications, by Pavica Sheldon. Reviewed in New Media & Society, 19(5): 799-800.
- Social Media in Disaster Response: How Experience Architects Can Build for Participation, by Liza Potts. Reviewed in New 2014 Media & Society, 16(7): 1191-1193.

# COMMENTARY (SELECTED)

- "We need universal digital ad transparency now." (2020, Oct. 16) TechCrunch. 2020
- "Avoiding the Echo Chamber about Echo Chambers." (2018, Feb. 13) Medium. 2018
  - "Why People Believe in Conspiracy Theories." (2018, Feb. 13) Economic and Social Research Council.
- "Using a Rumor Site to Investigate Scientific Fraud." (2015, June 22). Poynter. 2015
  - "Human Nature and Science Journalism" (2015). Gateway Journalism Review 45 (338): 10-11
  - "Facebook v. Science?" (2015). GJR 44 (337): 14
  - "Ebola Reminds Us Perception Is Reality." (2015). GJR 44 (336): 12-13
- "Should Journalists Be Responsible for Reporting Bad Science?" (2014) GJR 44 (335): 12-13. 2014
  - GJR author archive: http://gatewayjr.org/author/benlyons/

# INVITED TALKS

- Annenberg Public Policy Center Speaker Series. "Accepting or rejecting the experts." 2022
- Association for Psychological Science. Invited symposium, "Fake News and Misinformation." 2019
- U. of Illinois at Springfield. "How the media can spread (and correct) conspiracy beliefs during public health crises" 2018
  - Oxford Martin School at the U. of Oxford. "Countering vaccination myths."
- London School of Economics. "Social Influences & Factual Beliefs." 2017

Centre for Deliberative Democracy and Global Governance at the U. of Canberra. "From Code to Discourse: Social Media and Linkage Mechanisms in the Deliberative System."

#### Conference presentations

- ICA: 2022; 2021, 2020 (3), 2019, 2018, 2017 (2), 2014 (3), AAPOR: 2016 (3), 2012 2013 (2)
- MAPOR: 2019, 2018 (2), 2015, 2014 (2), 2013 (2), 2011
- MPSA: 2020, 2019, 2018 (2), 2016 (2)
- AEJMC: 2016, 2015, 2014 (2)
- APSA: 2019, 2018 (2), 2016

- SPSP: 2020
- APS: 2019
- AAAS: 2018
- APLS: 2015
- APHA: 2014

## **Awards**

#### Top paper awards and other prizes

2021	Honorable Mention, APSA Political Communication Section Walter Lippmann Best Published Article Award. (Co-lead)
2018	Center for Open Science. Preregistration Challenge Prize, \$1,000 (Lead author)
2017	ICA. Top Paper. Intergroup Communication Interest Group. (Sole author)
2014	ICA. Top 4 Student Paper. Philosophy, Theory & Critique Division. (Sole author)
2014	NCA. Top Paper. Spiritual Communication Division. (Lead author)

## Fellowships & Honors

2021	Rising Star in the Humanities. University of Utah
2015-16	Doctoral Fellowship. Southern Illinois University

PROMPT Fellowship. Awarded to students from families that have traditionally not had access to higher education with unique 2011-13

contributions to make to the discipline.

Illinois College Rammelkamp Scholar Award. School's highest academic honor.

# **Teaching**

2007

# Courses taught

Persuasion & Political Communication, COMM 5200. S2021. F2021.  $\sim$  35 students Utah

Designing Experiments in Science Communication, COMM 5820 (Capstone). S2022. ∼ 15 students

Strategic Comm Theory & Practice, COMM 2580. F2019, S2020.  $\sim$  100-150 students

PR Cases & Campaigns, COMM 5850 (Capstone). S2020. F2020. S2021. F2021.  $\sim$  35 students

Science & Risk Communication, COMM 7260 (Graduate). F2020. ~ 10 students

Quant. Methods Special Topics: Research Design, COMM 7800 (Graduate). S2022.  $\sim$  10 students

Digital Media and Politics, POL2087. S2019.  $\sim$  20 students Exeter

American Politics, POL2047. S2018. ∼ 190 students

#### Assistantships

SIU Writing for the Media, JRNL 201, F2014; Sports, Media, & Society, RTD 321, S2013, F2013;

# Advising

Laurie Simmons - Professional Master of Science and Technology (2021-22 Masters thesis) Sam O'Neill (University of Exeter 2017-18 undergraduate dissertation)

# Relevant experience

### Professional Positions

Managing Editor, Gateway Journalism Review 2014-15 Reporter; Staff Writer, The Jacksonville Source 2010-11

# Service & public engagement

## University service (Utah)

2019-2022 Student Media Council

#### DEPARTMENTAL AND COLLEGE SERVICE (COMM/HUMANITIES AT UTAH)

Assistant professor of science communication search committee 2021-22

College executive committee 2020-22 Undergraduate committee 2019-21

#### Professional Associations

AAAS, AEJMC, APLS, APSA, ICA, MAPOR, MPSA, SPSP.

#### REVIEWING | PUBLONS PEER REVIEW PROFILE

Editorial boards: The Social Science Journal (2018- ). International Communication Research Journal (2019- )

Ad hoc reviewing: American Political Science Review; Nature Human Behaviour; Nature Communications; Nature Climate Change; Science Advances; Public Opinion Quarterly; Journal of Communication; Political Communication; Communication Research; Human Communication Research; International Journal of Press/Politics; Journalism & Mass Communication Quarterly; Journal of Broadcasting & Electronic Media; International Journal of Communication; International Journal of Public Opinion Research; Climatic Change; Public Understanding of Science; Harvard Kennedy School (HKS) Misinformation Review; Journal of Experimental Political Science; Journal of Experimental Social Psychology; Electoral Studies; Research & Politics;  $Communication\ Methods\ \dot{\sigma}\ Measures;\ American\ Politics\ Research;\ Media\ Psychology;\ Mass\ Communication\ \dot{\sigma}\ Society;\ Journal-location\ Journal$ ism; Motivation & Emotion; Information Technology & Politics; Political Studies; Political Research Quarterly; CyberPsychology, Behavior & Social Networking; Environmental Sociology; Body & Society; The Social Science Journal; Applied Environmental Education & Communication; International Journal of Electronic Governance; International Communication Research Journal; Journal of Science Communication; Behavioural Public Policy; Behavior Research Methods; Policy & Internet; Frontiers in Political Science: PLOS One: PNAS Nexus

Grant reviewing: Austrian Science Fund (FWF): Hertha Firnberg-Programme. Publons top reviewers in Social Science [2019] (Top 1% in field)

## MEDIA APPEARANCES | ALTMETRIC

#### Research coverage/citation

 $\emph{CNN}.10/7/2021$ . "What's stunning about the misinformation trend – and how to fix it."

The Guardian. 7/2/2021. "Researchers reveal corrosive power of Trump's lie of a stolen election."

Ars Technica. 6/2/2021. "Dunning-Kruger meets fake news"

The Independent. 6/1/2021. "Three in four Americans overestimate their ability to spot false news stories, study finds."

New York Daily News. 6/1/2021. "Americans most confident in spotting 'Fake News' may be the most vulnerable to it."

The Guardian. 5/31/2021. Overconfident of spotting fake news? If so, you may be more likely to fall victim."

Snopes. 5/31/2021. "Those Who Think They Can Spot Misinformation Are More Likely to be Duped by It, Study Finds."

CNN. 5/31/2021. "Most Americans think they can spot fake news. They can't, study finds."

Scientific American. 4/1/2021. "How to Debunk Misinformation about COVID, Vaccines and Masks." The Conversation. 3/18/2021. "7 ways to avoid becoming a misinformation superspreader."

→ [Republished in Salon, St. Louis Post-Dispatch, Arizona Daily Star, Seattle Post-Intelligencer etc.]

CQ Researcher [Congressional Quarterly]. 3/5/2021. "Expertise Under Assault."

The Washington Post. 11/6/2020. "Five myths about misinformation."

The New York Times. 9/11/2020. "Getting Wise to Fake News."

Der Spiegel 9/2/2020. "A dialogue is becoming increasingly difficult or even impossible."

ProPublica. 7/16/2020. "'Outright Lies': Voting Misinformation Flourishes on Facebook."

LSE US Centre. 7/13/2020. "Using digital media reinforces inequalities in political participation."

The Conversation. 7/8/2020. "Coronavirus anti-vaxxers: here's how to change their minds."

Healthline 6/28/2020. "Learn to Spot Fake Health News with These 5 Tips."

Nieman Lab. 6/26/2020. "The little things (pop-ups, notifications, warnings) work to fight fake news, new evidence shows."

Consumer Reports 6/26/2020. "Facebook Will Warn Users Sharing Outdated Content.

Hindustan Times. 6/24/2020. "Here's why it's important to be digitally literate and avoid spread of misinformation."

Ars Technica. 6/23/2020. "In the UK, social media use associated with COVID-19 conspiracy theories."

Consumer Reports 6/22/2020. "Facebook Gave Tips to Spot Fake News. A Study Says They Work Surprisingly Well."

The Atlantic 6/19/2020. "The Damage of Trump's Voter-Fraud Allegations Can't Be Undone."

Lawfare 2/20/2020. "The Empirical Effects of Disinformation."

Nieman Lab 10/11/2019. "Focus here, not there: These are the gaps in political misinformation research."

FiveThirtyEight. 10/8/2019. "Media Bubbles Aren't The Biggest Reason We're Partisans."

Reuters. 7/25/2019. "U.S. Democrats and Republicans can't even agree on the weather: Reuters/Ipsos"

NPR. 6/8/2019. "'We All Owe Al Gore An Apology': More People See Climate Change In Record Flooding."

The Atlantic. 6/7/2019. "Some Real News About Fake News"

The Skeptical Inquirer. May/June 2019. "Skepticism And The Persuasive Power Of Conversion Stories"

LSE European Politics & Policy. 5/17/2019. "What do Europeans know about the EU before they go to the polls?"

Christian Science Monitor. 4/16/2019. "Is America's media divide destroying democracy?."

Los Angeles Times. 3/19/2019. "Some real facts about fake news and its influence on U.S. elections"

Medium. 3/7/2019. "We can't combat fake news if we don't really understand it"

Psychology Today. 2/8/2019. "Antivaxxers and the Plague of Science Denial"

Facebook. 2/7/2019 "New Research Shows Facebook Making Strides Against False News"

Columbia Journalism Review. 2/7/2019. "Researchers say fears about 'fake news' are exaggerated"

El País. 2/3/2019. "Bienvenidos a la era de los extremos climáticos."

El País. 1/30/2019. "Estados Unidos se hiela mientras Australia se quema."

Wissenschaftskommunikation.de. 1/21/2019. "Kontroverse Themen: Gesinnungswechsel regen zum Nachdenken an"

Genetic Literacy Project. 1/18/2019. "Ex-GMO skeptics may be best advocates for crop biotech."

Huffington Post. 10/8/2018. "Americans hit by extreme weather want the media to cover climate change."

Pacific Standard. 10/2/2018. "Extreme weather won't convince climate skeptics."

The Conversation. 8/31/2018. "Google News serves conservatives and liberals similar results, but favors mainstream media."

Neiman Lab. 6/8/2018. "How can we restore trust in news?"

The Verge. 3/22/2018. "If Facebook controls your mind, so do a lot of other tech companies."

FiveThirtyEight. 3/9/2018. "Why do Americans hate the media?"

Axios. 2/22/2018. "The science of conspiracies: Where Flat Earth meets Pizzagate."

Reason. 2/14/2018. "When an echo chamber gets worked up about echo chambers."

New York Times. 10/20/2017. "How fiction becomes fact on social media."

Wired [UK]. 9/14/2017. "Journalists can help readers sift facts from false opinions."

Washington Post (Monkey Cage). 11/4/2016. "Twitter trolls are actually hurting democracy"

### Research roundups

National Affairs. 4/3/2020. "Misrepresentative."

The Verge 2/6/2019."Facebook's global crackdown on information operations is getting more intense."

Washington Post. 2/6/2019. "Happy hour roundup."

American Press Institute. 6/23/2015. "Need to know."

National Affairs. 7/28/2014. "Drinking the Kool-Aid."

Bookforum. 4/1/2014. "A genius awareness."

#### Interviews

Wired. 10/6/2017. "That flag-burning NFL photo isn't fake news. It's a meme."

Los Angeles Times. 1/27/2017. "One man's assault is another man's meme"

El País. 11/7/2016. "Los 'memes' mantienen vivos los carteles electorales."

Los Angeles Times. 10/20/2016. "From Clinton's shimmy to Pepe the frog: Memes are the language of the 2016 election."

# References

## JASON REIFLER

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